

FIG. 1A

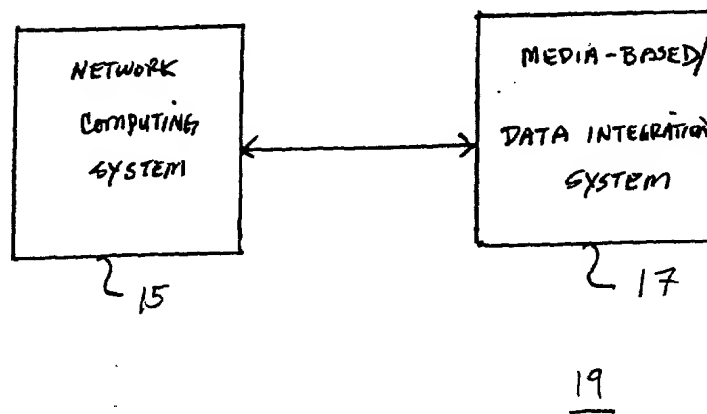
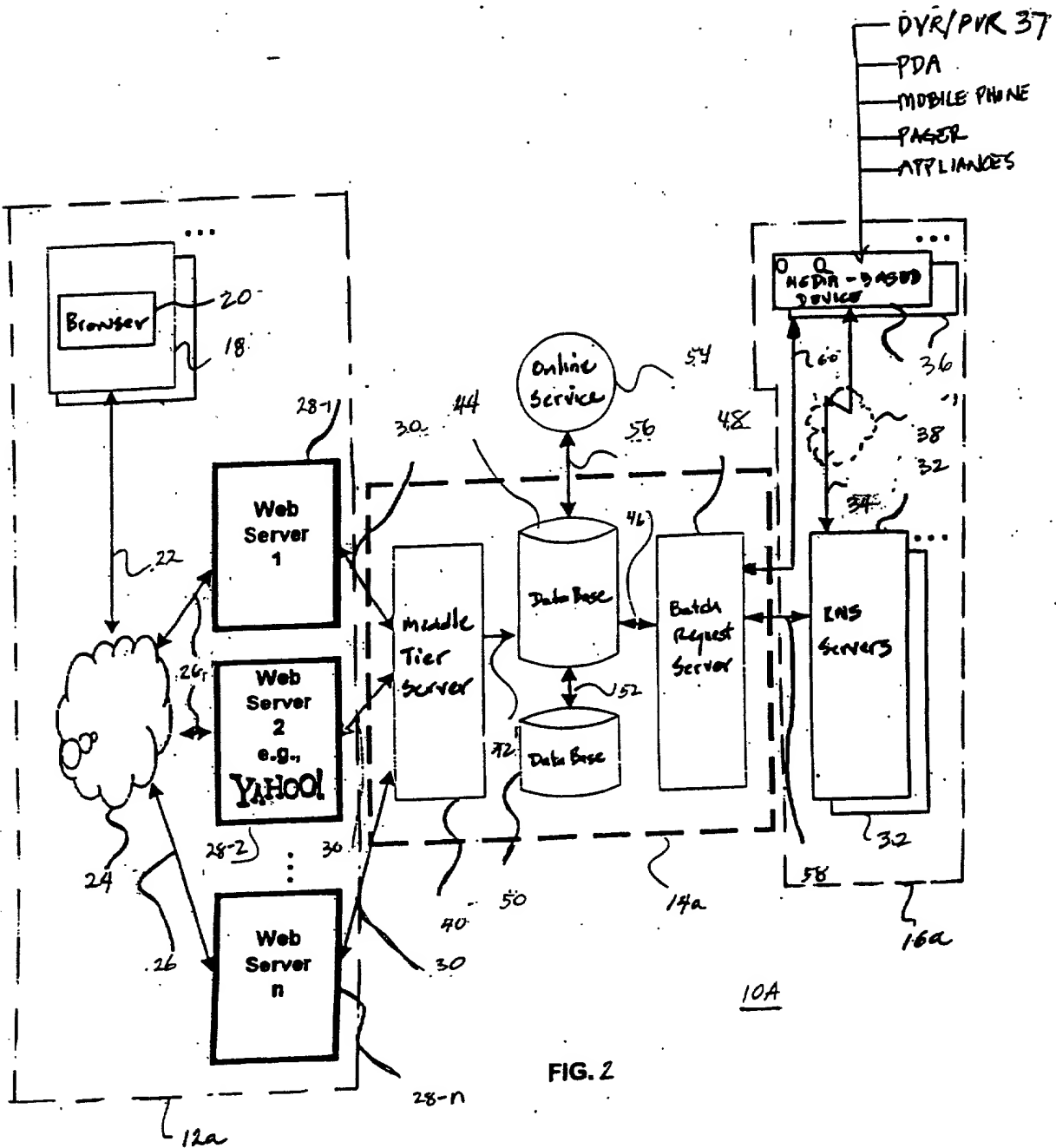


FIG. 1B



18/28/40/32/48/36

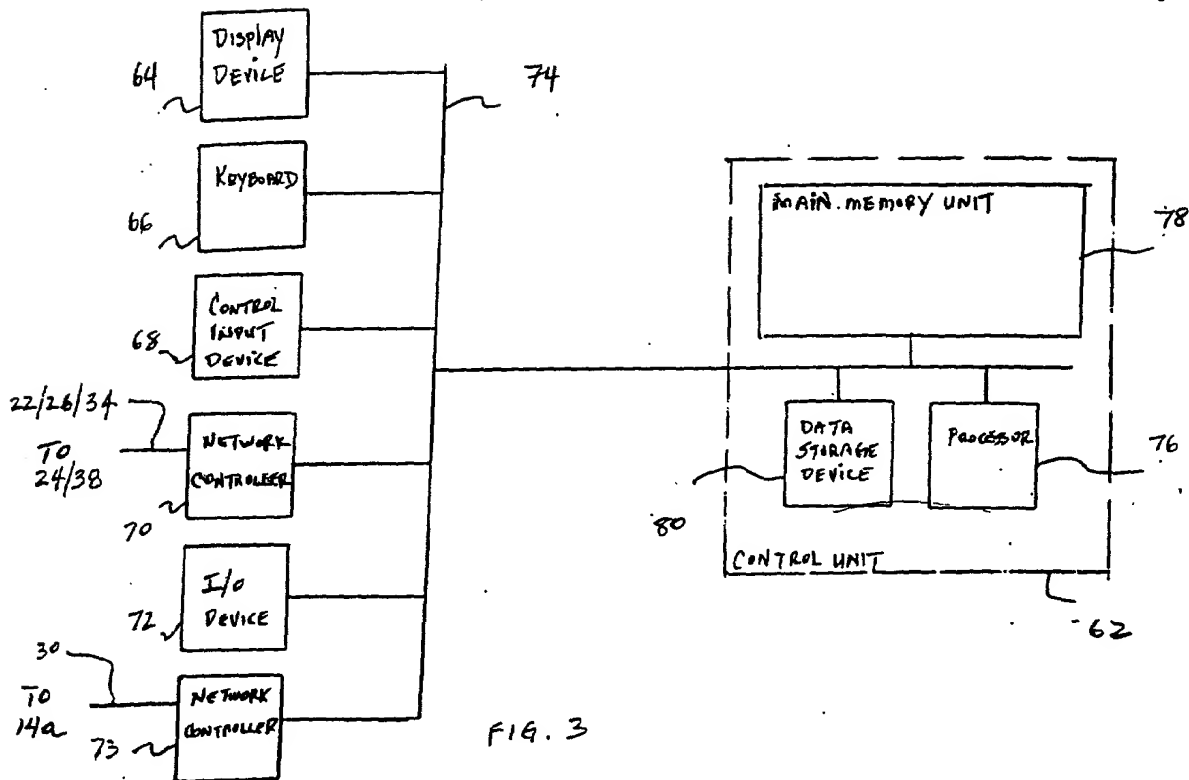


FIG. 3

FIG. 3

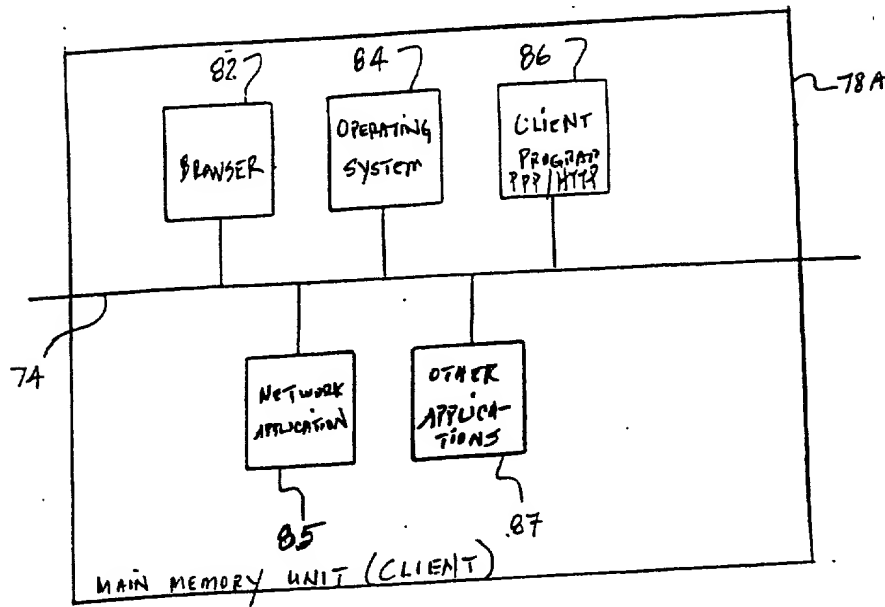


FIG. 4A

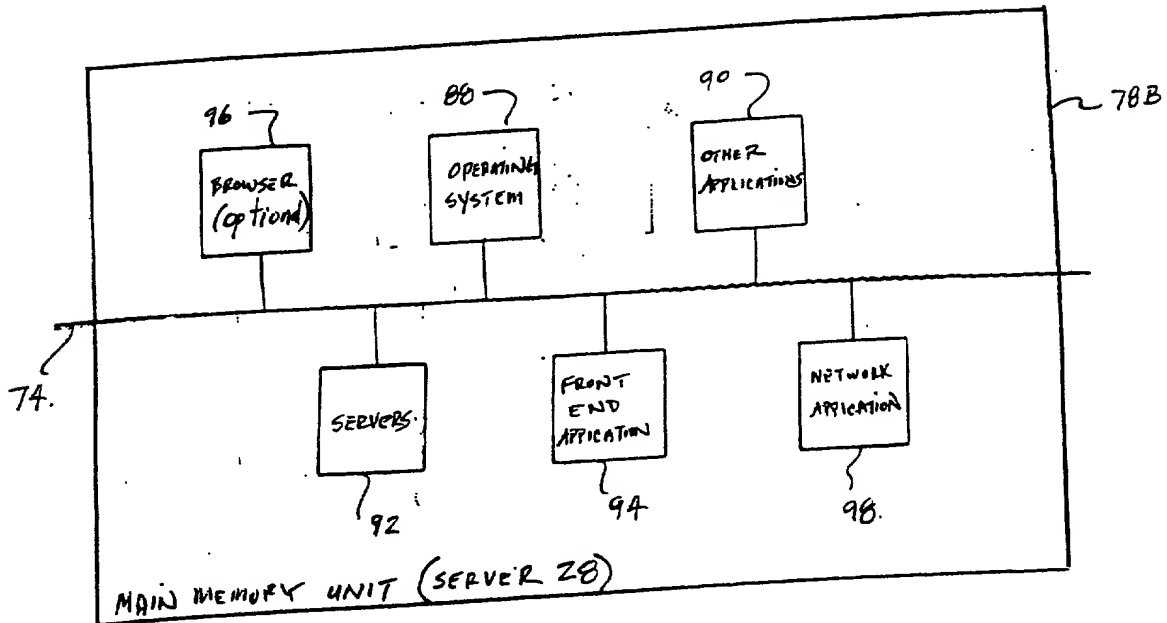


FIG. 4B

20050409.080904

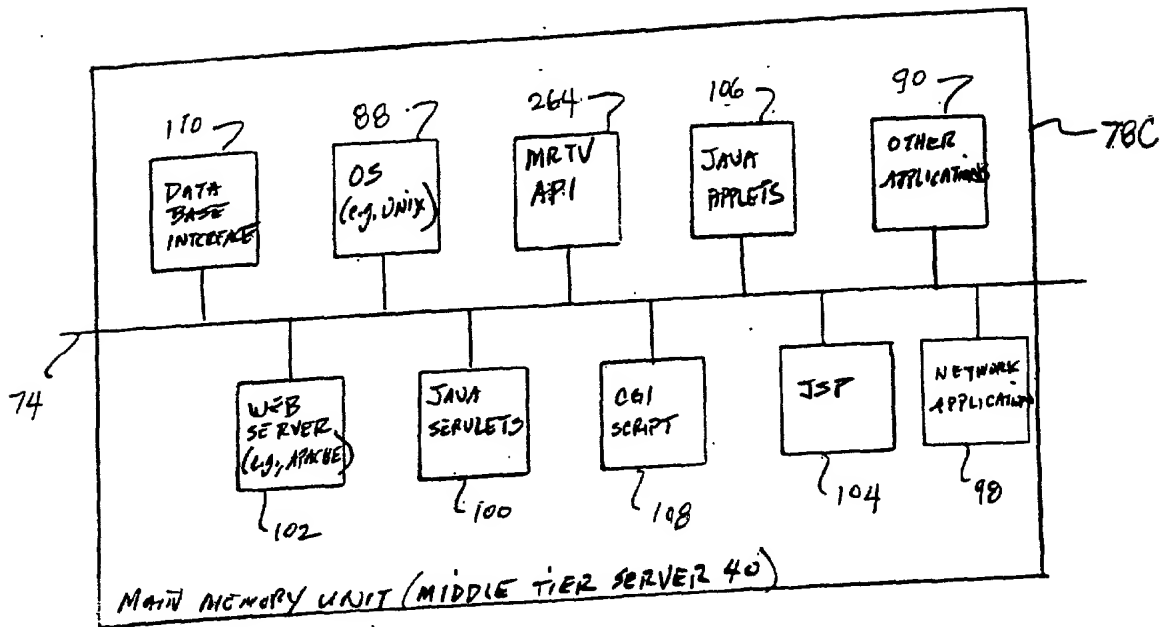


FIG. 4C

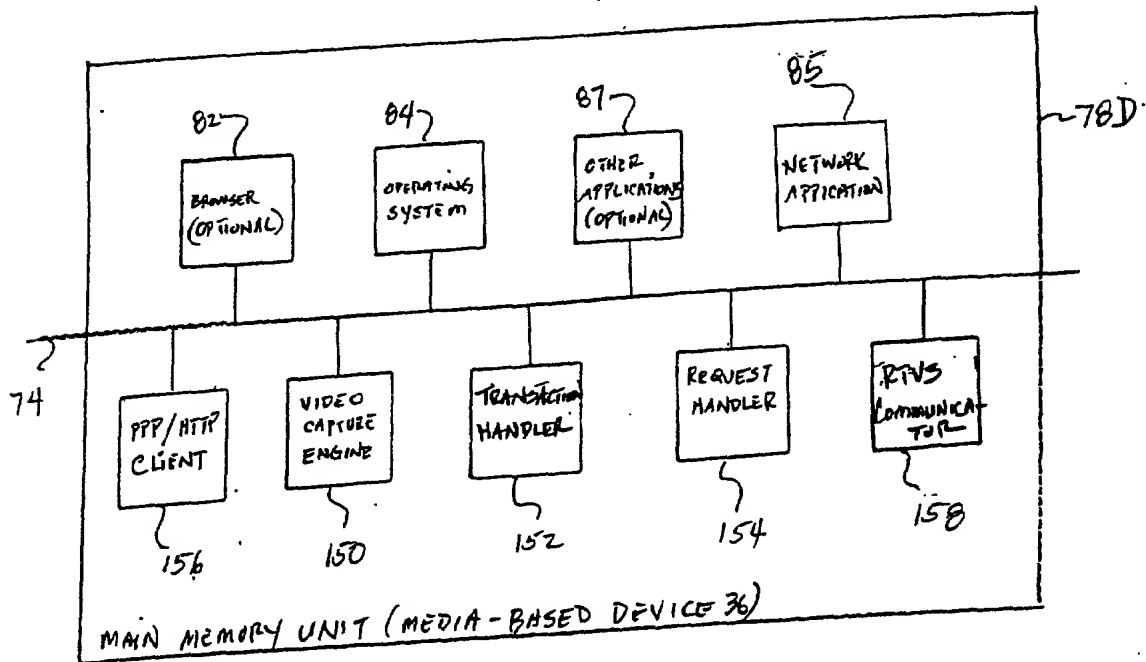


FIG. 4D

FIG. 4C

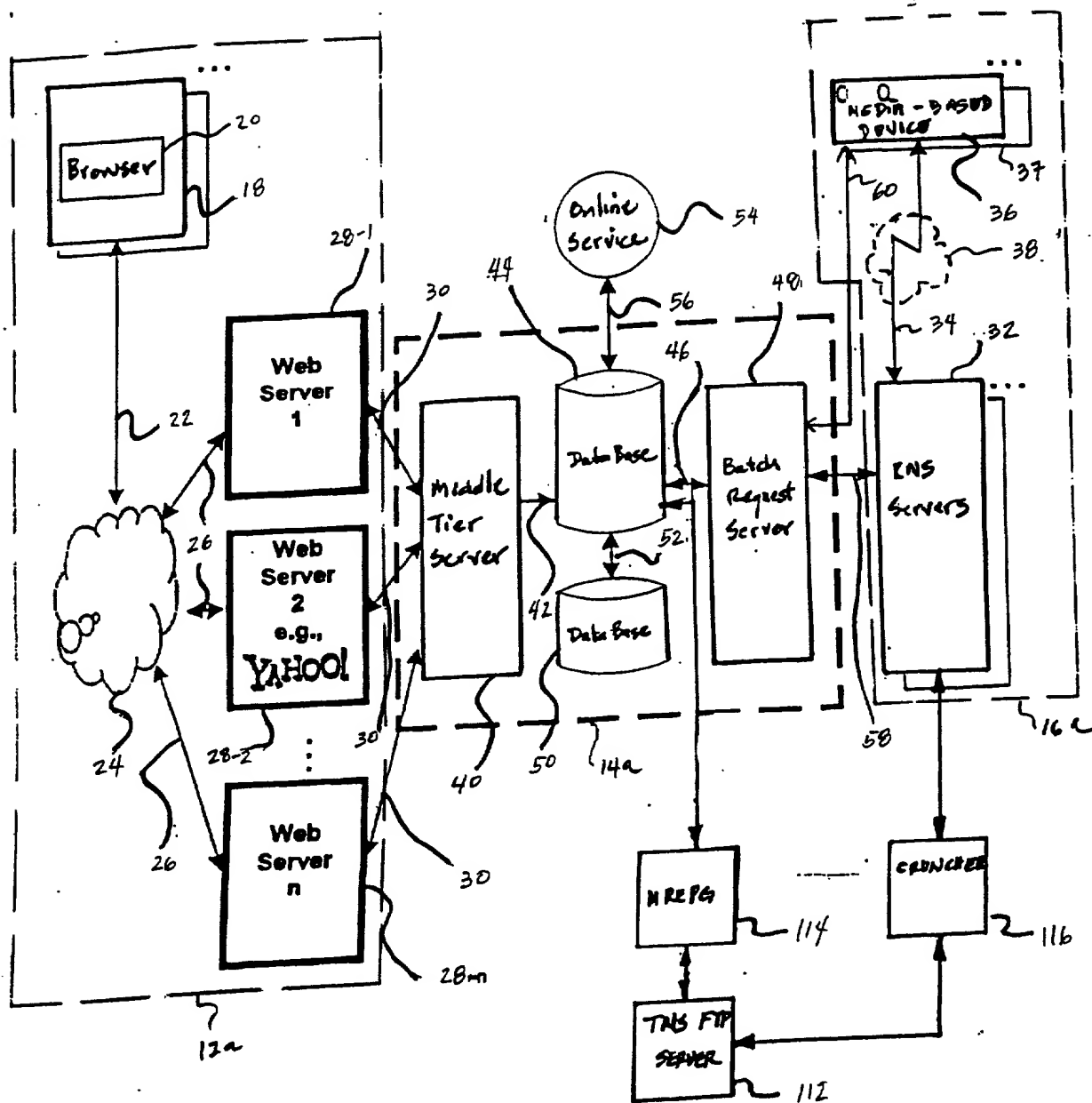


FIG. 5

10B

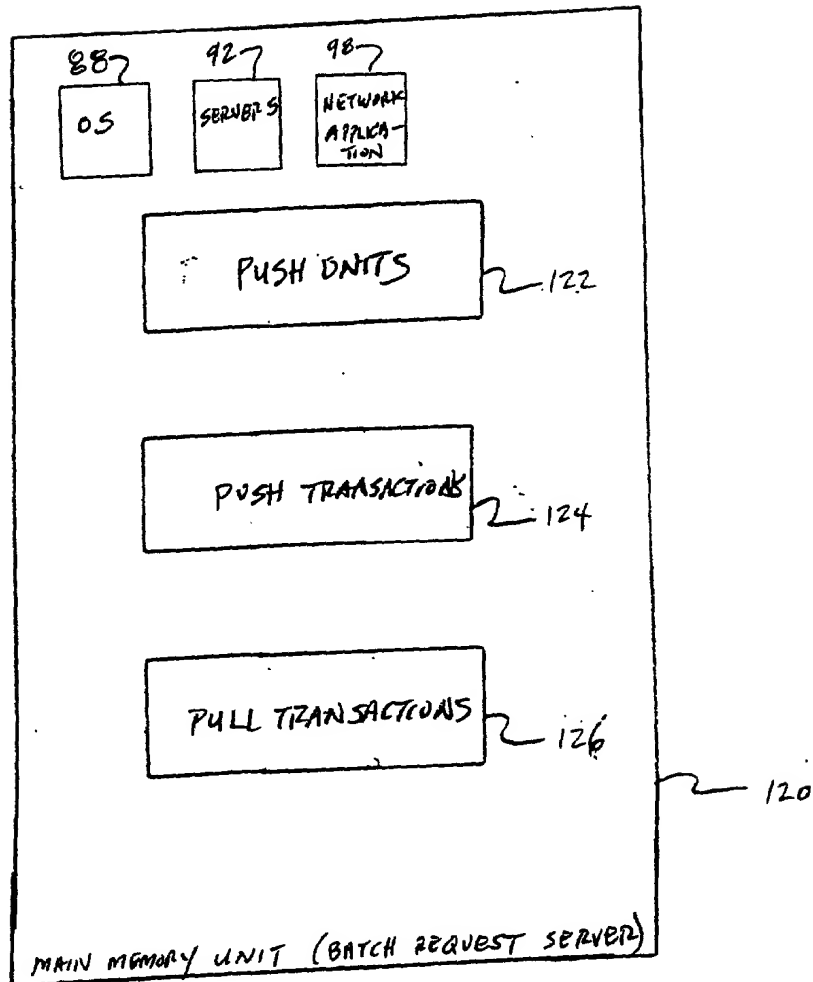


FIG. 6

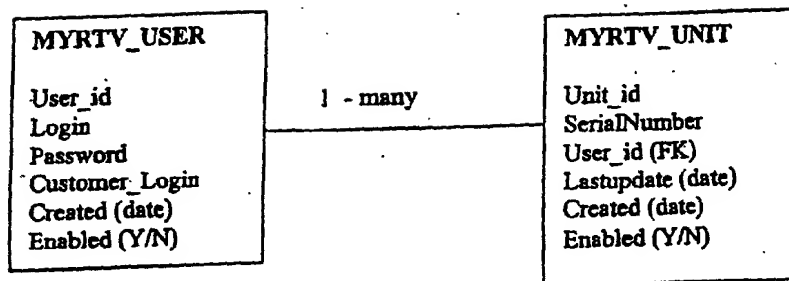


FIG. 7

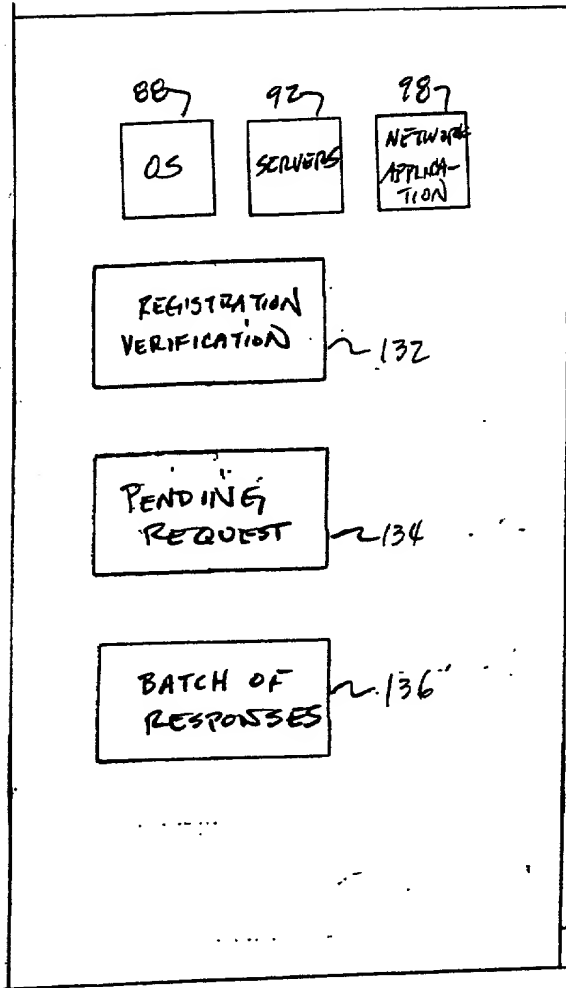


FIG. 8

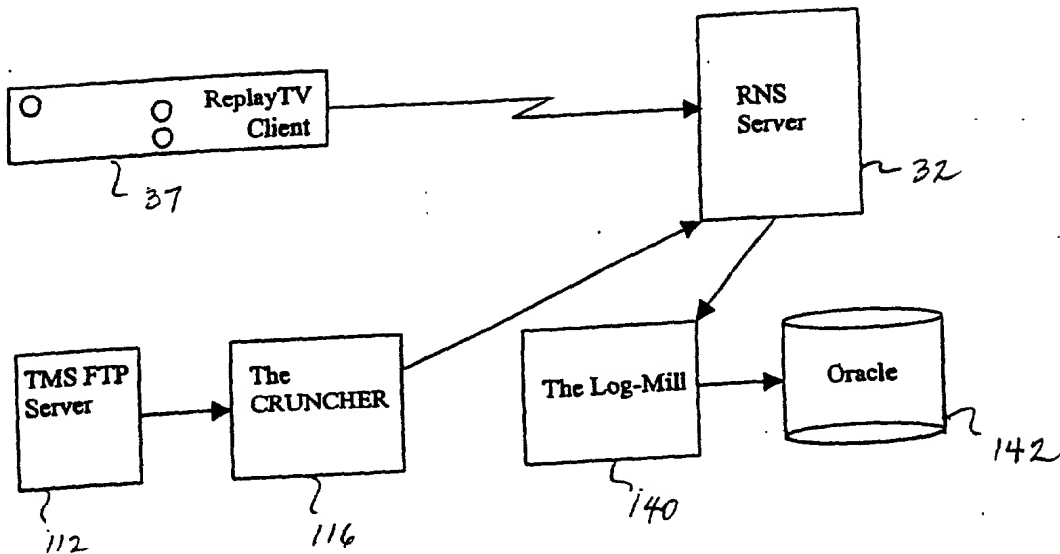


FIG. 9

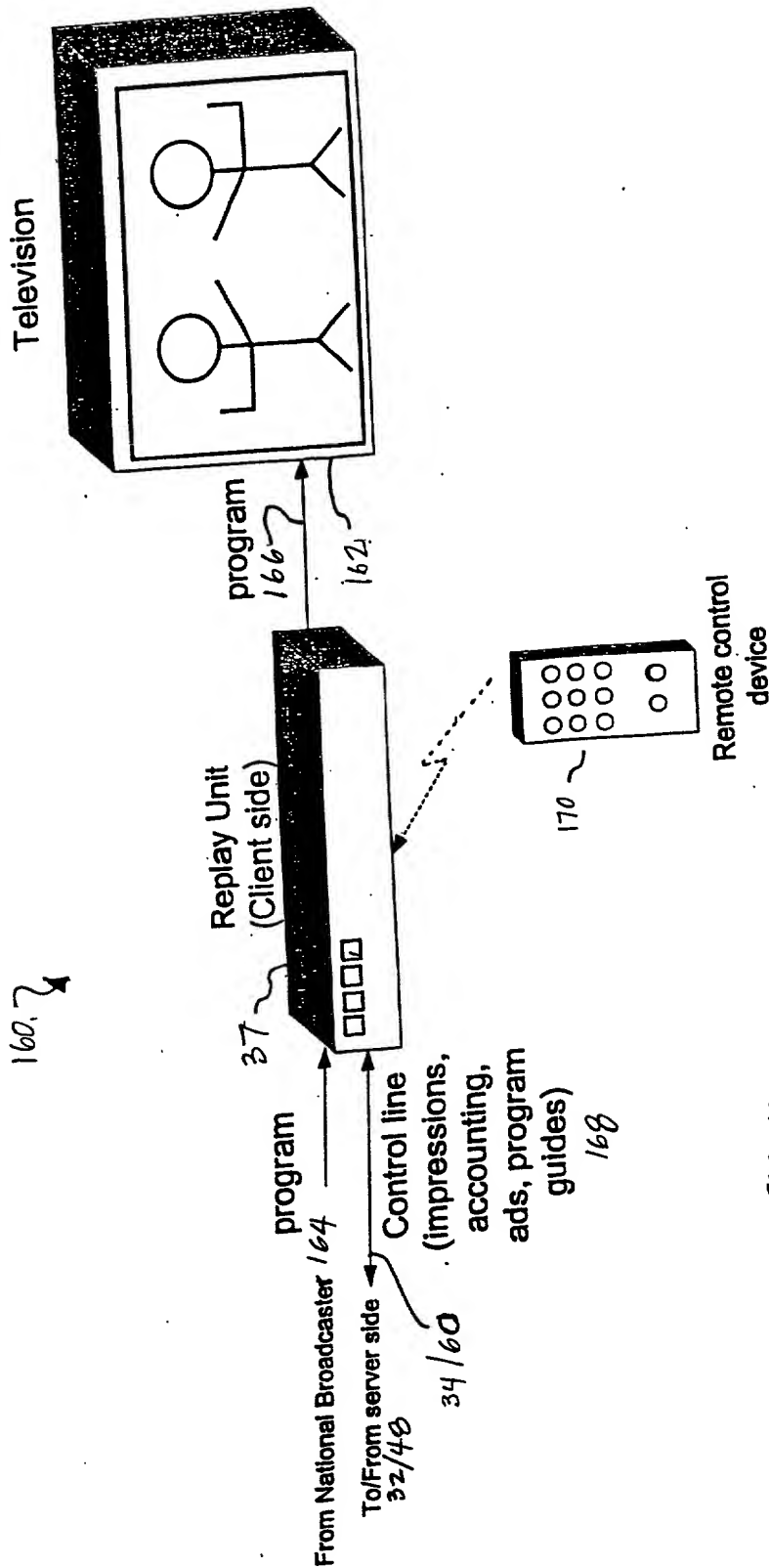


Fig. 10

The diagram shows a web page layout for 'my r replaytv'. The logo consists of the word 'my' followed by a circle containing the letter 'r', and then 'replaytv'. Below the logo is the text 'marketing/promotional information'. To the right is a login section with two input fields: 'user name:' and 'password:'. A 'login' button is to the right of the 'user name' field. Below these fields are two links: 'remember my password' and 'I forgot my password'. Below these links is a registration section with the text 'Are you a new user to the myreplaytv website?' and a 'register' button. At the bottom left are links for 'Help' and 'Contact Us'. Handwritten annotations include '182' pointing to the login button, '184' pointing to the password field, and '180' pointing to the bottom right corner of the page frame.

my **r** replaytv[®]
marketing/promotional information

user name:

password:

☐ remember my password [I forgot my password](#)

Are you a new user to the myreplaytv website?

[Help](#) [Contact Us](#)

182

184

180

FIG. 11

FO6080" 60752660

Title: "Method and System For
Remote Television Replay"
Application No.: Not Yet Assigned
Inventors: Millard E. Sweatt, III, et al.
Atty. Docket No.: 22407-05391; Case 5391 US
Sheet 13 of 37

my replaytv

Channel Guide

Channel Guide | Replay | Find Shows | Manual Record

Preferences | Help | Logout

Tue 3/06

Today 03/06

6 pm

0 OXYGEN

7:30 PM

195

194

196

198

200

202

204

206

208

190

0 OXYGEN	An Officer and a Gentleman	6:30 PM	Scary Movie	Spin City
1 IN1	Me, Myself & Irene		Selinfeld	
2 KTVU	6 O'Clock Ne...		Local Origination	
3 LOOR003	Local Origination		Frasier	Entertainmen...
4 KRON	NewsCenter 4 at 6		Evening Maga...	Hollywood Sq...
5 KPIX	CBS News		Family Feud	Family Feud
6 KICU	Home Improve...		Jeopardy!	Wheel of For...
7 KGO	ABC 7 News at 6PM		Little Salgo...	Mandarin New...
8 KTSF	TV Patrol		Ballita...	
9 KQED	Zoboomafoo		Nightly Busi...	The NewsHour With Jim Le...
10 KTEH	BBC World Ne...		French Field...	Antiques Roa...
11 TVGOS	TV Guide			TV Guide
12 KBHK	The Simpsons		3rd Rock Fro...	Friends
13 KBWB	The Drew Car...		Divorce Cour...	Power of Att...
14 KDTV	Noticias 14		Noticiero Un...	Carita de Ángel

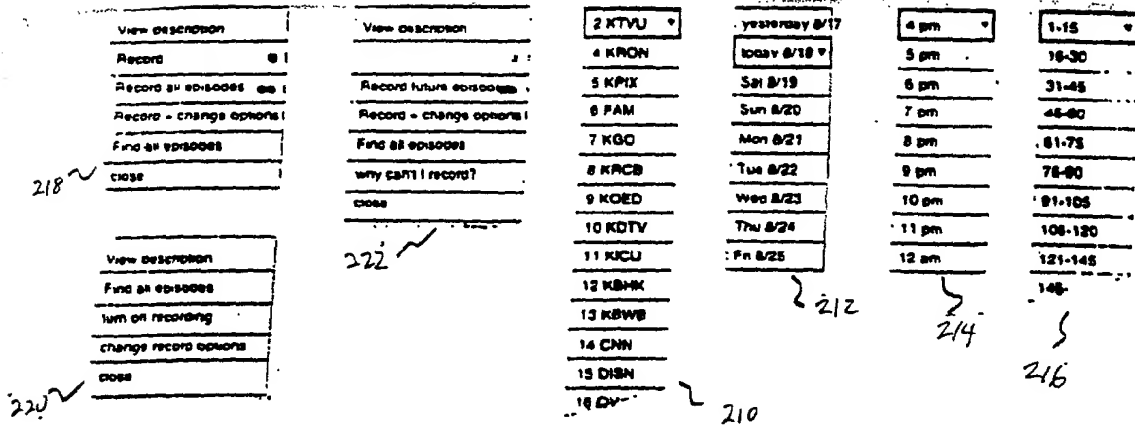


FIG. 12B

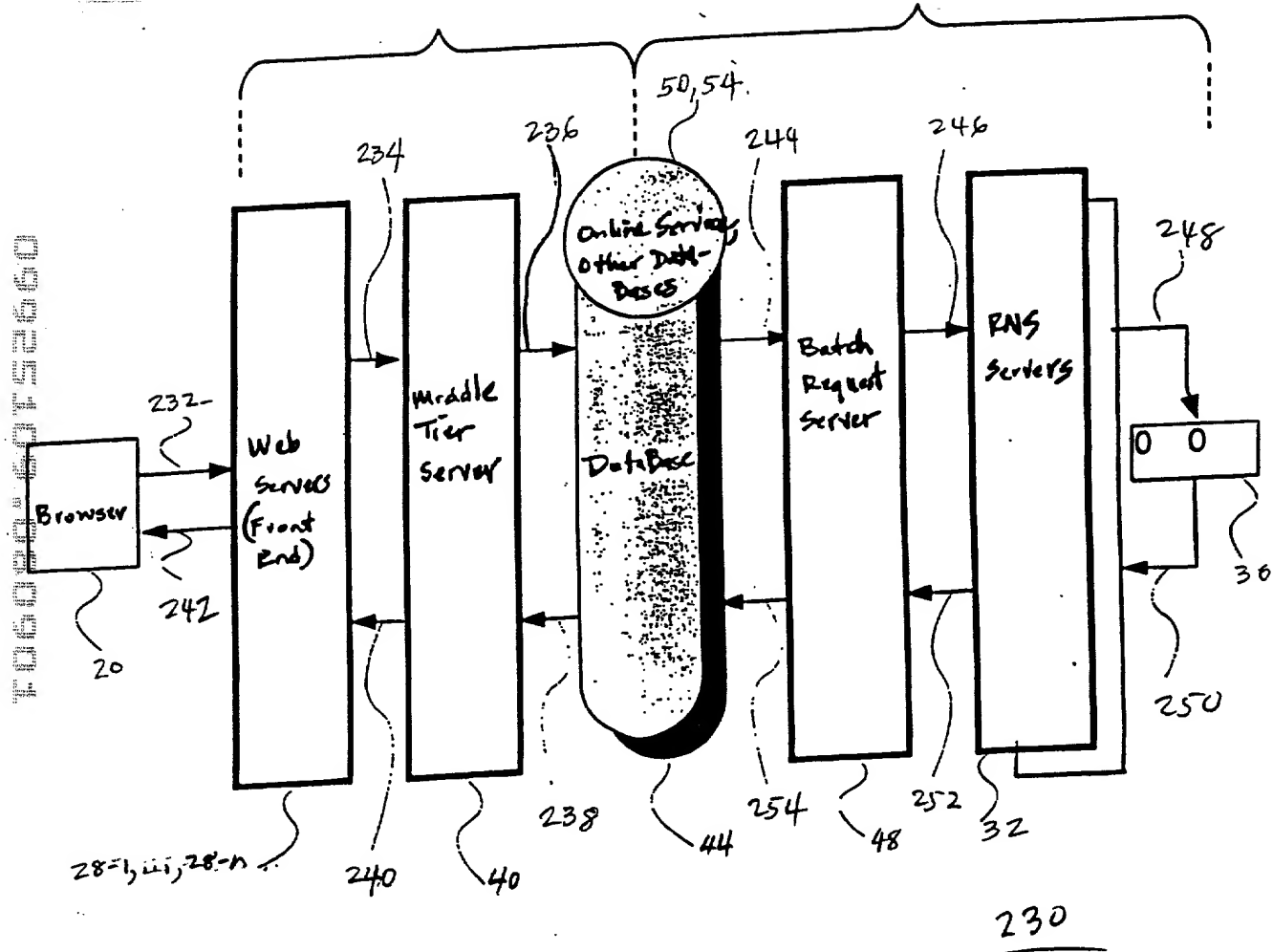


FIG. 13A

SEQUENCE DIAGRAM

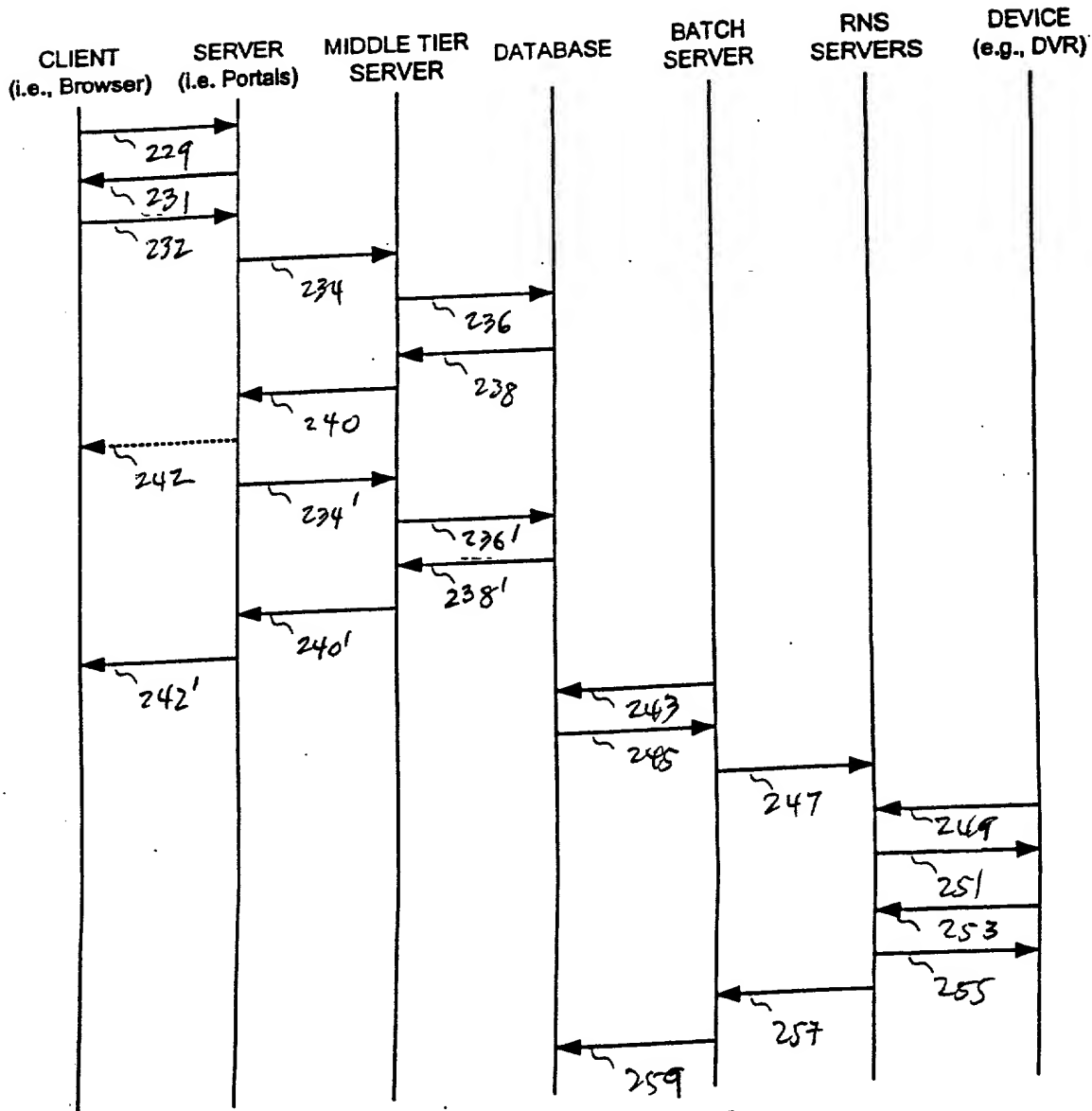


FIG. 13B

2009-07-26 10:00:00

FIG. 14

API Routine	Input Parameters	Output Files (Corresponding XML elements)
CreateAccount	firstname, lastname, address1, address2, city, state, zipcode, serialnumber, login, password, creator	ACCOUNT.XML REPLAYERROR.XML
Login	login, password	ACCOUNT.XML REPLAYERROR.XML
GetProfile	userid	PROFILE.XML (USERINFO, UNITINFO-I) REPLAYERROR.XML
AddRequest	userid, unitid, reqtype(none, show, theme, update) reqtype=show: showtype(single, repeat, manual single, manual repeat), headendid, trnsid, device, starttimegmt, name, durationinminutes, inputsource, quality, guaranteedrecord, numepisodes, weekdayflags, earlieststartinminutes, showguarminminutes reqtype=theme: searchterm, searchflags, suzukiid, durationinminutes, quality, guaranteedrecord reqtype=update: updatetype(deleteshow, preservershow, deletechannel), channelid, showid	UNITSTATUS.XML (UNITINFO, REQUESTSTATUS-I) REPLAYERROR.XML *Note: REQUESTSTATUS Result=(PENDING, SENT, SUCCESS, GENERAL FAILURE, SCHEDULEFAILURE, ROOMFAILURE)
DeleteRequest	userid, unitid, requestid	DELETERESULT.XML REPLAYERROR.XML
GetReplayGuide	userid, unitid	GUIDE.XML (REPLAYCHANNEL-I) REPLAYERROR.XML *Note: REPLAYCHANNEL Type=(SINGLE, SINGELMANUAL, REPEAT, REPEATMANUAL, THEME, THEMEEXACT, ZONE)
GetChannelLineUp	userid, unitid	CHANNELLINEUP.XML (CHANNEL-I) REPLAYERROR.XML
ChangePassword	userid, currentpassword, newpassword	ACCOUNT.XML REPLAYERROR.XML
GetEPG	userid, unitid, starttimegmt, durationinminutes, startchannel, channelcount	XML file based on tvguide.dtd & tvprograms.dtd REPLAYERROR.XML
ShowGuide	userid, unitid, query, start, count, levelofdetail *Note: query keywords include actor, advisory, desc, impairing, title, etc.	XML file based on tvguide.dtd & tvprograms.dtd REPLAYERROR.XML

FIG. 5

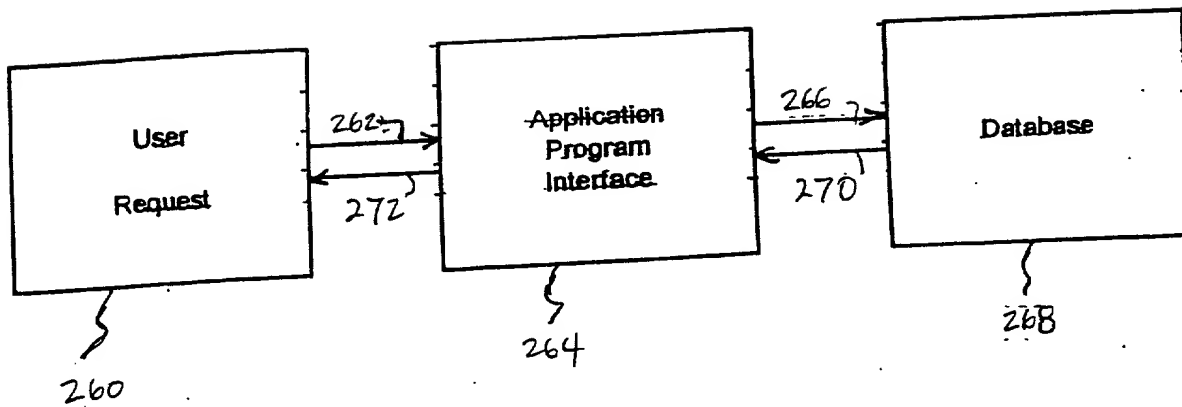


FIG. 16A

FIG. 16B

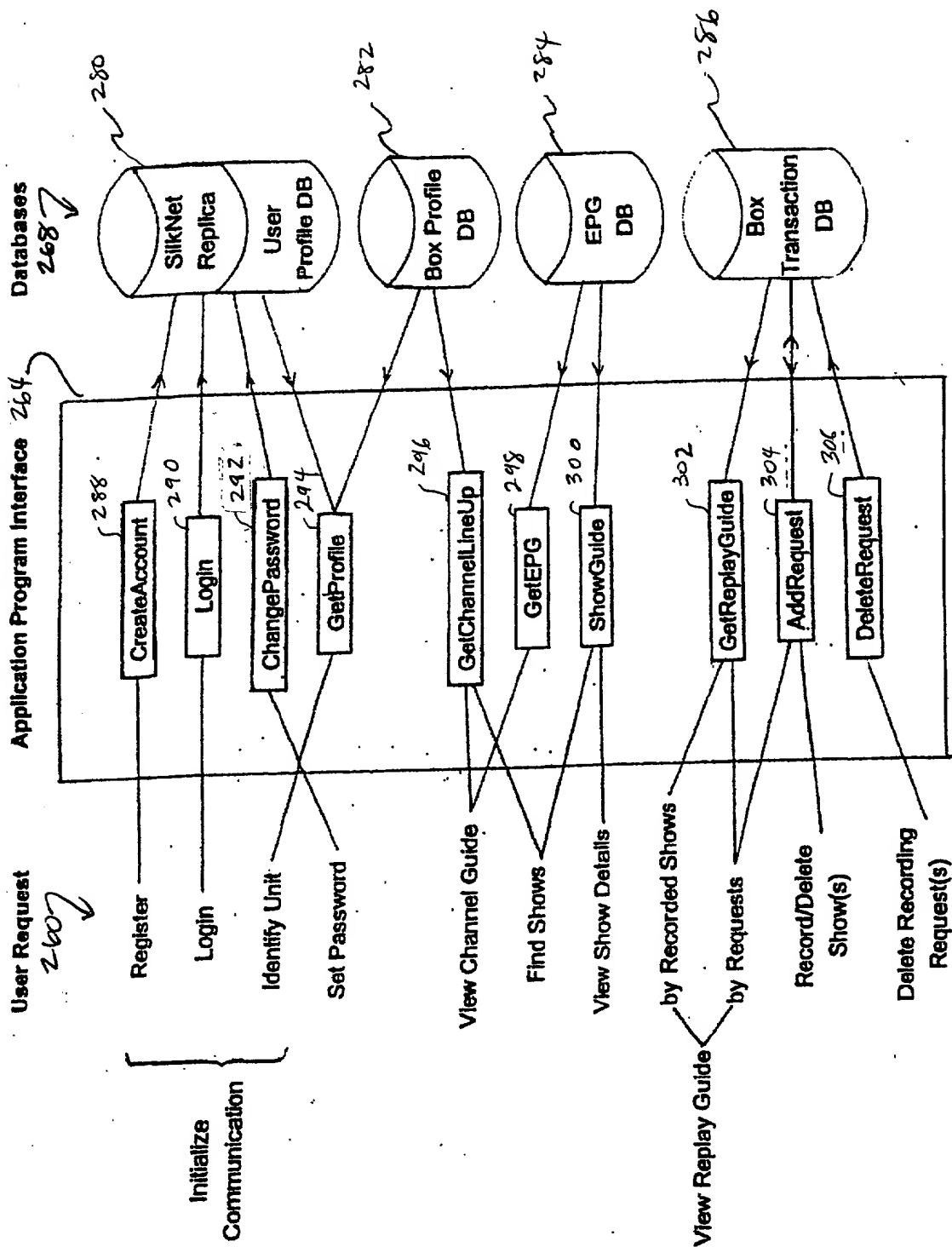


FIG. 16B

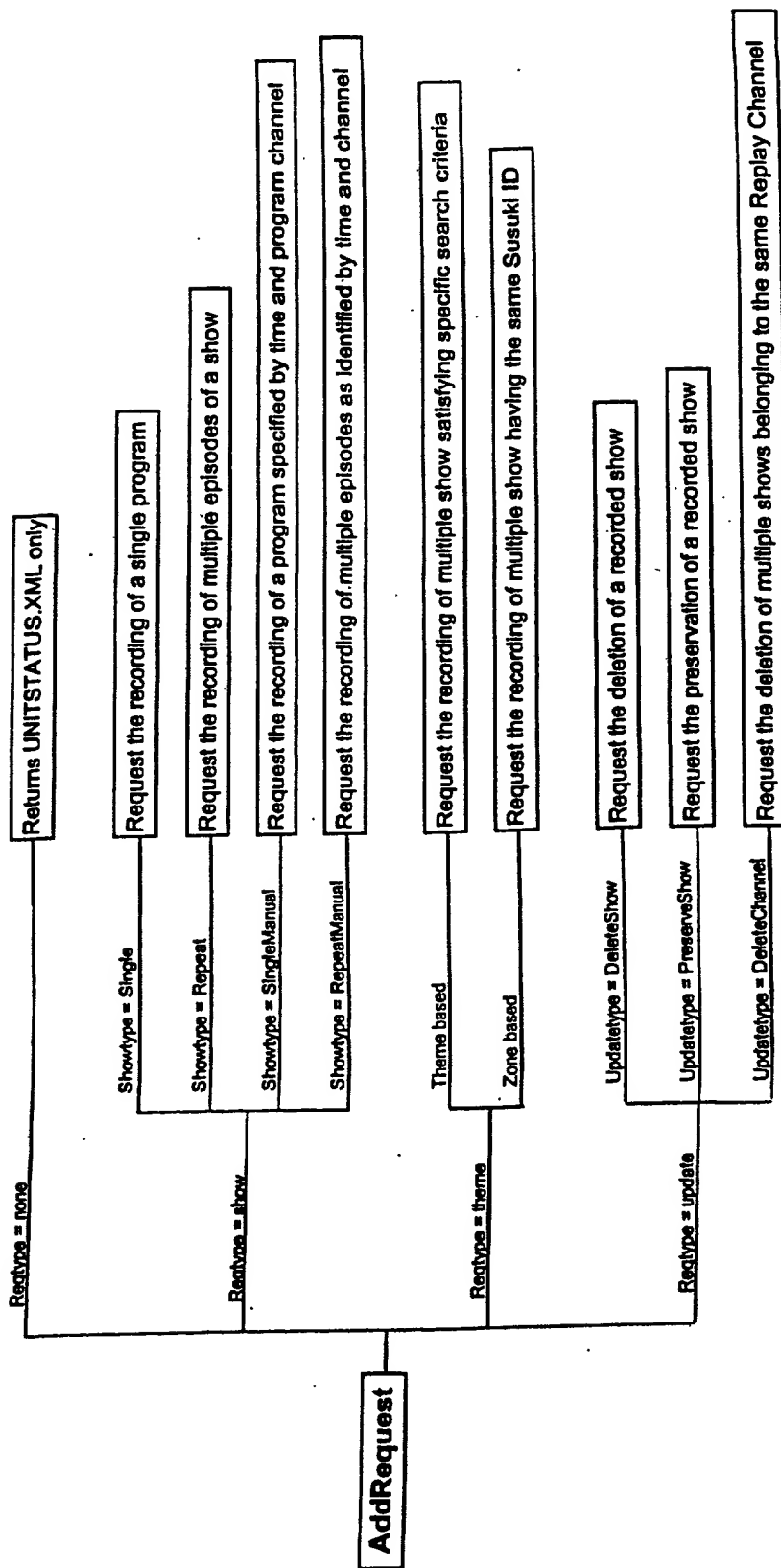


FIG. 17

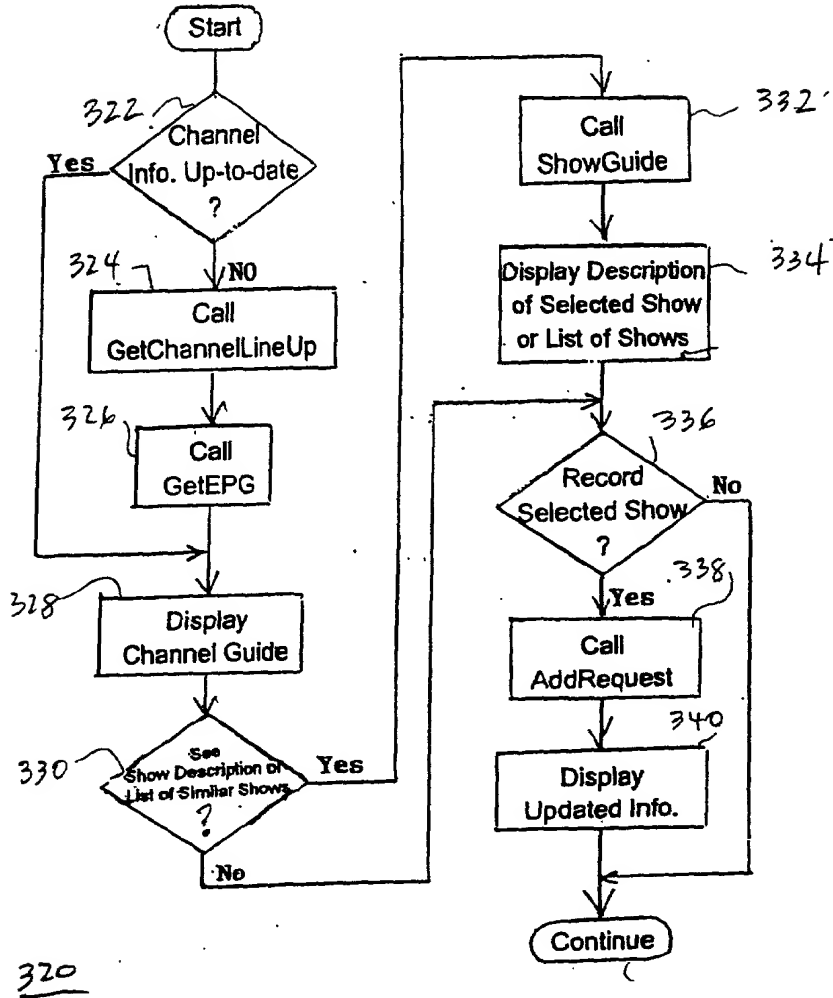


FIG. 18

706030" SOT52660

replaytv

Replay Guide

Replay Shows | Replay Channels

Channel Guide

Replay Guide

Find Shows | Manual Replay

Preferences

Help

Logout

2-350

Watch over 500,000 years of programming and returning replays to TV anywhere

▶ Select a Channel

Channel	Details	Status	Request Date
<input type="checkbox"/> A Fistful of Dollars	This single record Replay channel was scheduled to record A Fistful of Dollars from Channel 21(TBS) on Sun, 02/18 at or around 7:00AM - 9:00AM. Guaranteed at EXTENDED quality. Nothing else is scheduled to record.		02/18
<input type="checkbox"/> Blown Away	This single record Replay channel was scheduled to record Blown Away from Channel 42(USAP) on Tue, 01/16 at or around 9:00PM - 11:30PM. Guaranteed at EXTENDED quality. Nothing else is scheduled to record.		01/16
<input type="checkbox"/> Cantonese News	This show-based Replay channel will continuously record the 1 most current episode(s) of Cantonese News occurring every (Sun, Mon, Tue, Wed, Thu, Fri, Sat) on Channel 8(KTSF) at or around 8:00PM - 9:00PM. Guaranteed at EXTENDED quality.		02/28
<input type="checkbox"/> Captain January	This single record Replay channel was scheduled to record Captain January from Channel 49(AMC) on Tue, 01/09 at or around 3:30AM - 5:00AM. Guaranteed at EXTENDED quality. Nothing else is scheduled to record.		01/09

FIG. 19A



ReplayTV Site: 0016 11/11/11 11:11 AM

ReplayTV Site: 0016 11/11/11 11:11 AM

Channel	Show Title/Episode	Date/Time	Station	Duration	Size
<input type="checkbox"/> A Fistful of Dollars	A Fistful of Dollars	02/18 7:00AM	21 TBS	(2h)	6.46%
<input type="checkbox"/> Blown Away	Blown Away	01/16 9:00PM	42 USAP	(2h 30m)	8.07%
<input type="checkbox"/> Captain January	Captain January	01/09 3:30AM	49 AMC	(1h 30m)	4.84%
<input type="checkbox"/> Firewalker	Firewalker	02/27 8:00PM	21 TBS	(2h)	6.46%
<input type="checkbox"/> On Deadly Ground	On Deadly Ground	01/07 9:00PM	4 KRON	(2h)	6.46%
<input type="checkbox"/> Platoon	Platoon	02/04 8:00PM	37 TNT	(2h 30m)	8.07%
<input type="checkbox"/> The Bridge on the River Kwai	The Bridge on the River Kwai	12/24 8:00AM	42 USAP	(3h 30m)	11.30%
<input type="checkbox"/> The Little Princess	The Little Princess	12/26 4:15AM	49 AMC	(1h 45m)	5.65%
<input type="checkbox"/> The Trouble With Harry	The Trouble With Harry	12/18 1:05PM	49 AMC	(1h 55m)	6.19%
<input type="checkbox"/> Welcome to ReplayTV	Welcome to ReplayTV	09/08 10:49AM		(15m)	2.42%

FIG. 19B

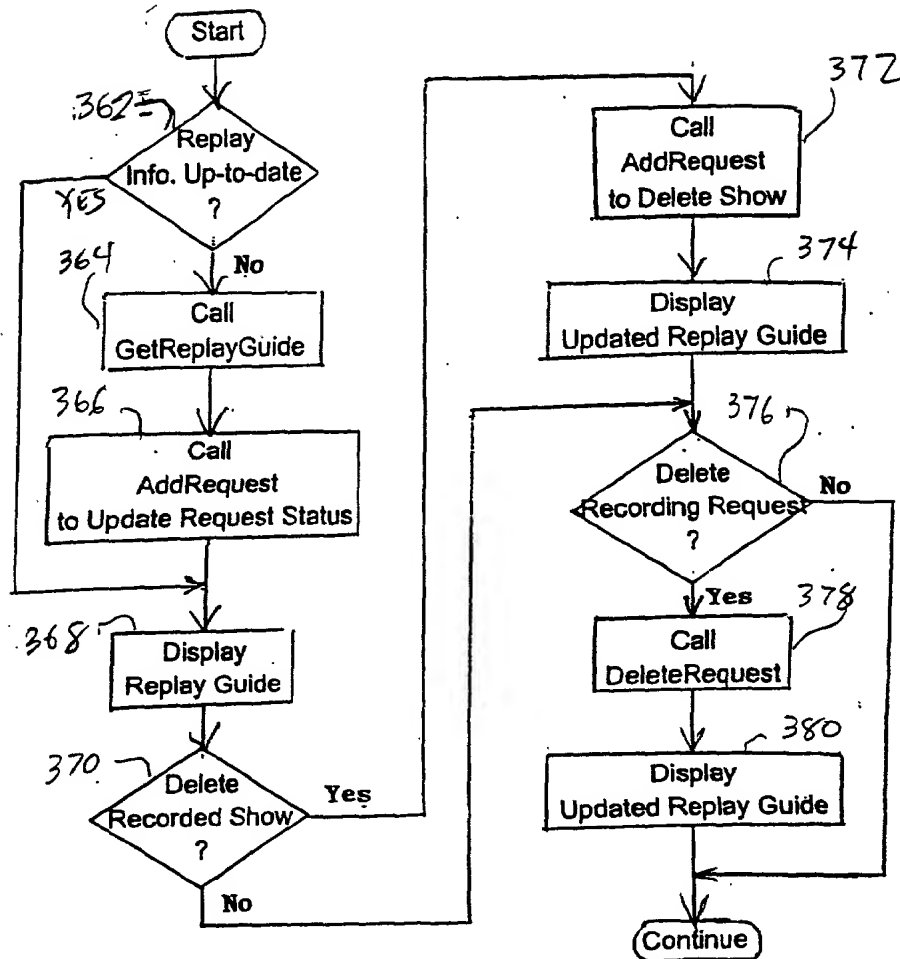


FIG. 20

360

FIG. 20

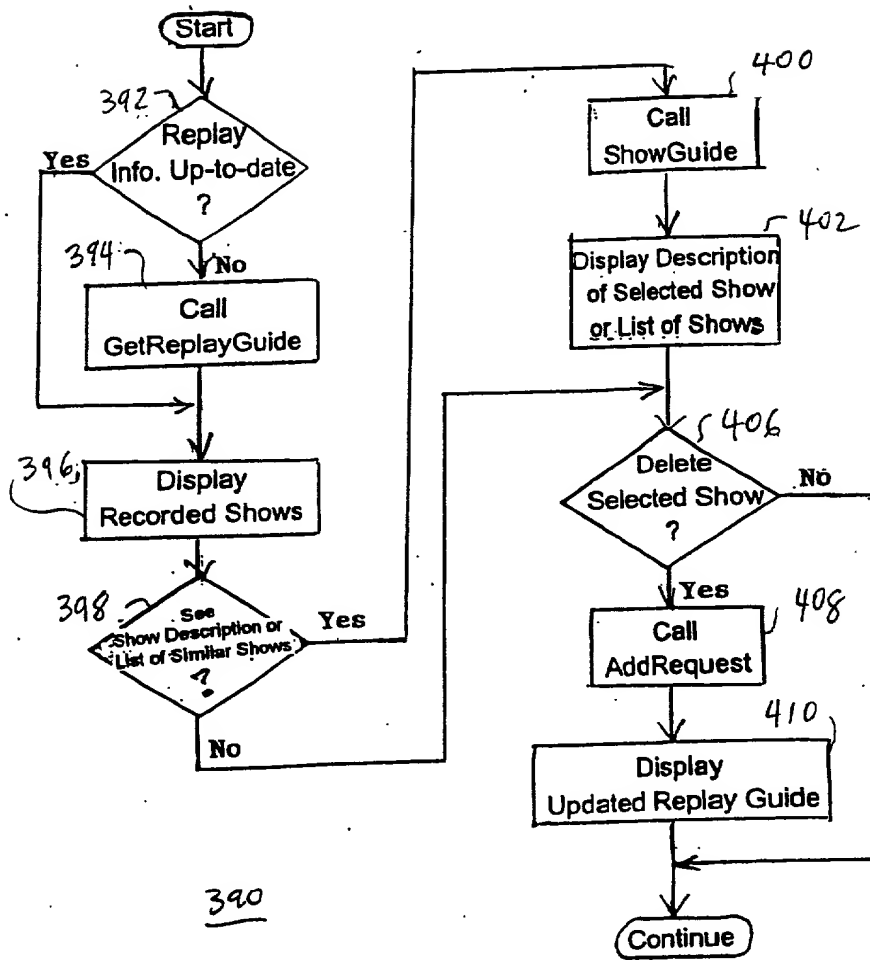


FIG. 21

FIG. 22



Find:

Enter the word or phrase that you wish to find.

In these categories:

☒ Show Titles ☐ Actors

☒ Descriptions ☐ Directors

Find Shows

[Copyright Policy](#) | [Terms And Conditions](#) | [Privacy Policy](#) | [FAQ](#)

FIG. 22

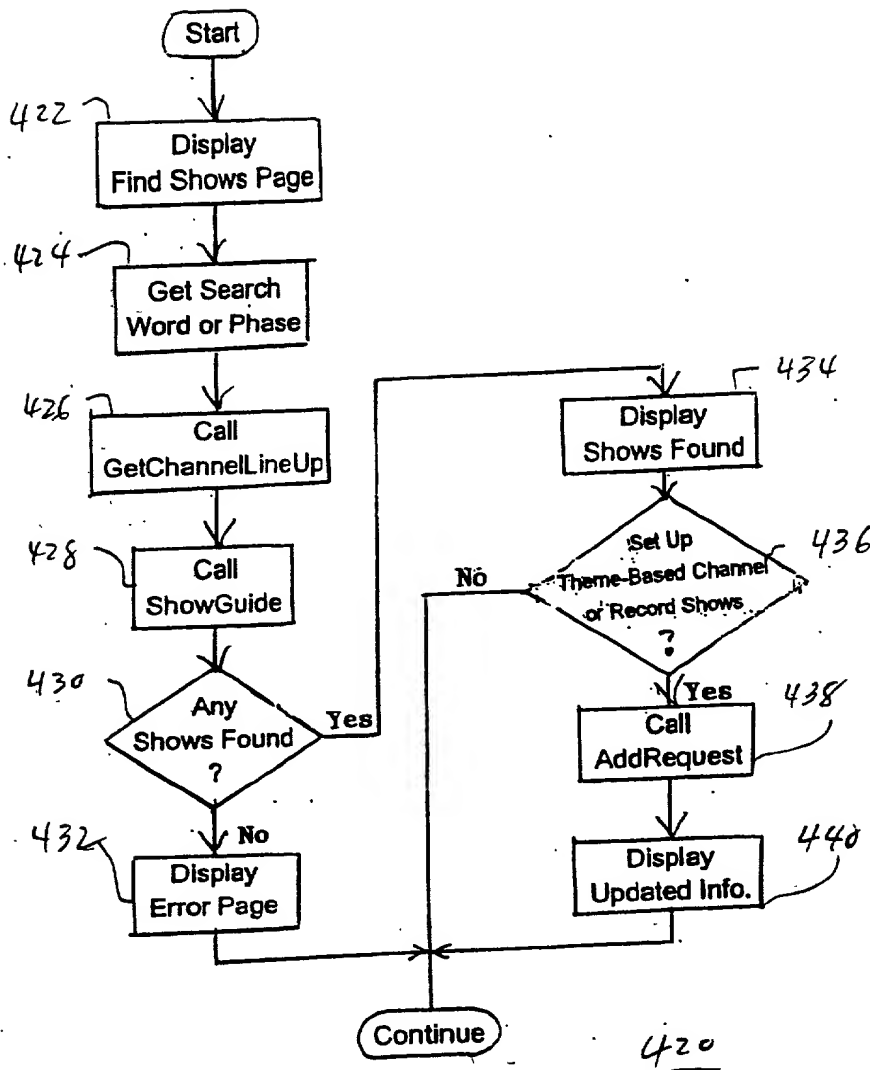


FIG. 23

FIG. 24A

my replaytv

Channel GuideReplay GuideFind ShowsManual Record

PreferencesHelpLogout

Manual Record

Single RecordingRepeat Recording

Start Date Mar 7 2001

Start Time : AM

End Time : AM

Channel 0 OXYGEN

Quality Extended


Guaranteed Yes

Submit Request

Recording duration:

Copyright Policy | Terms And Conditions | Privacy Policy | FAQ

FIG. 24A

my  replaytv

Channel Guide Find Shows Manual Record Replay Guide

preferences
help
logout

Manual Record

3h 45m available at medium quality
as of last connection

Single Recording Repeat Recording


Days ☐ Mon ☒ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat ☐ Sun

Start Time 7 : 58 PM End Time 11 : 02 PM

Channel 4 KRON

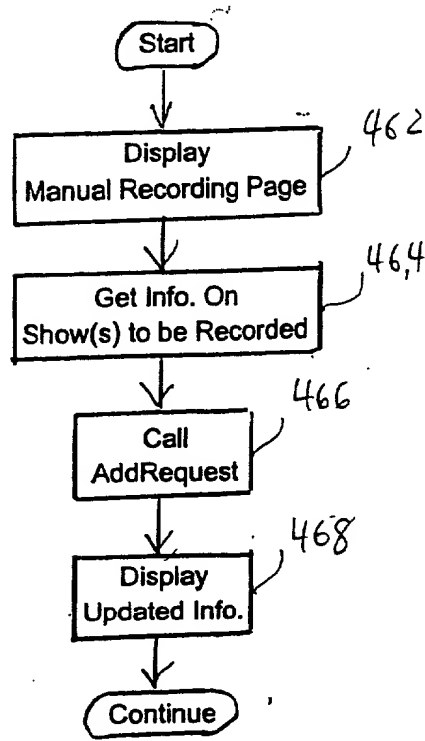
Quality Standard

Guaranteed Yes



452

FIG. 24B



460

FIG. 25

2009-09-01 10:52:53

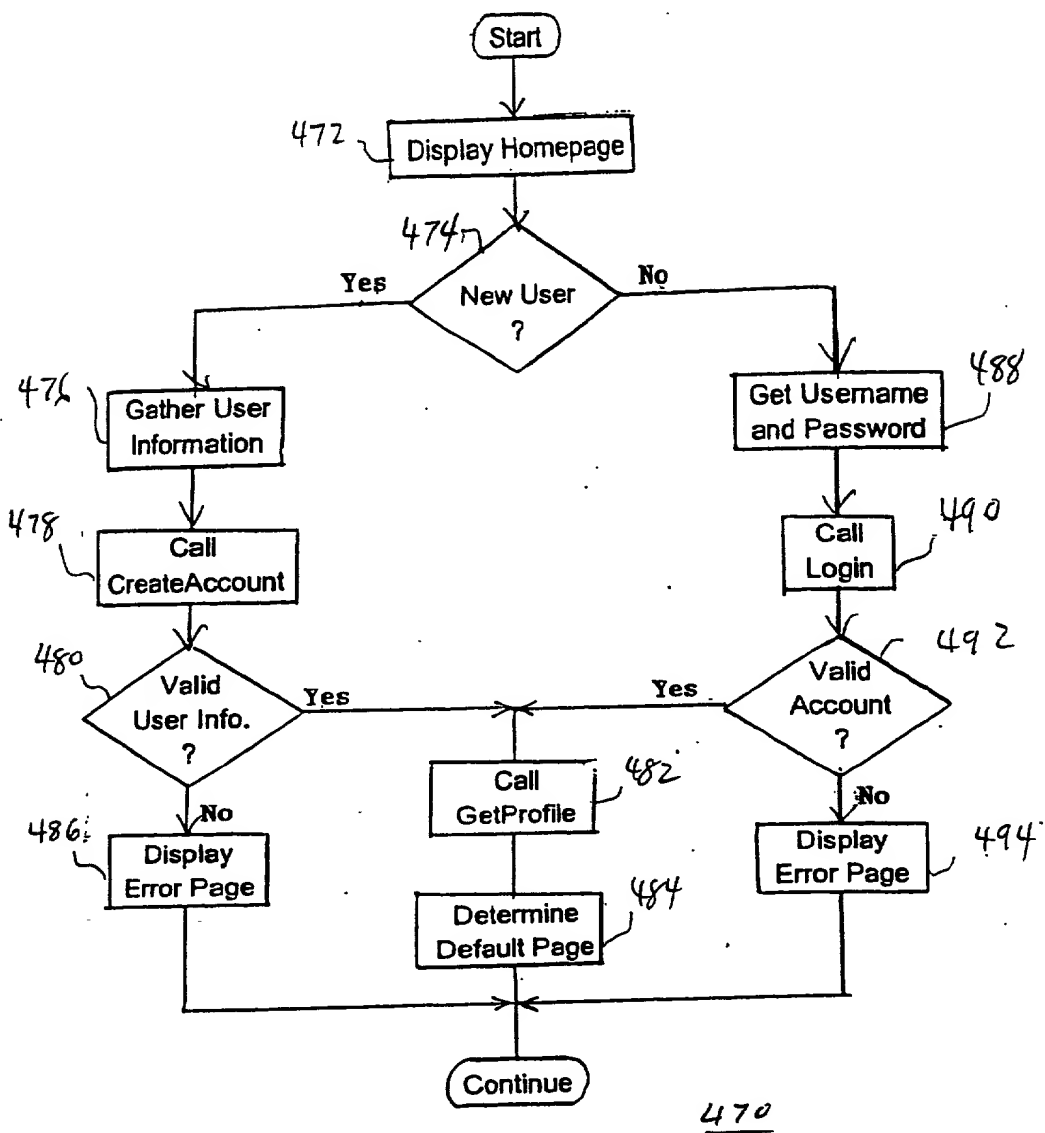
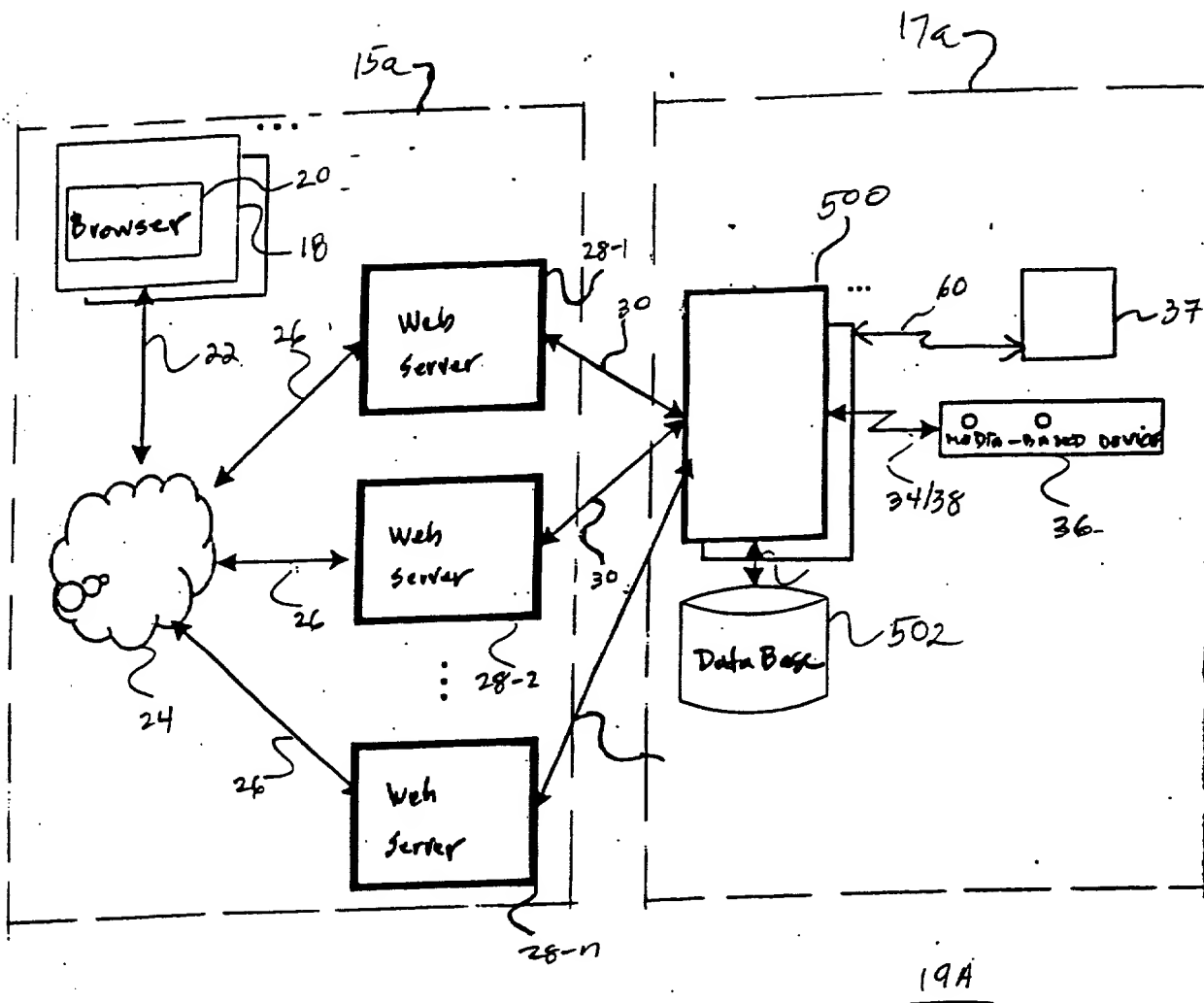


FIG. 26



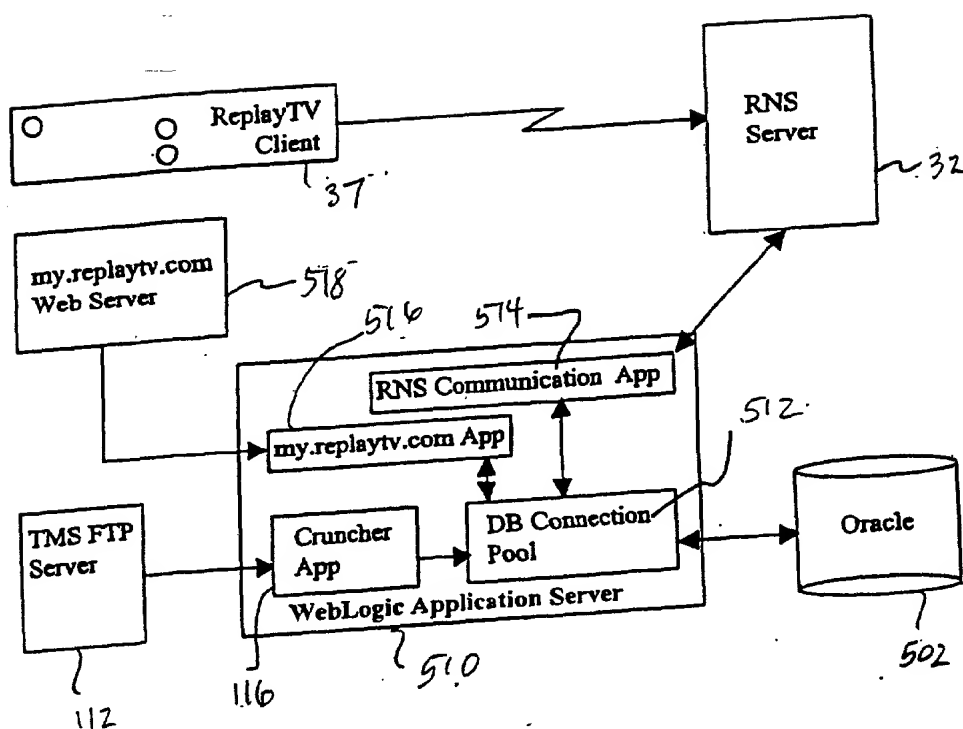


FIG. 28

0553149-000901

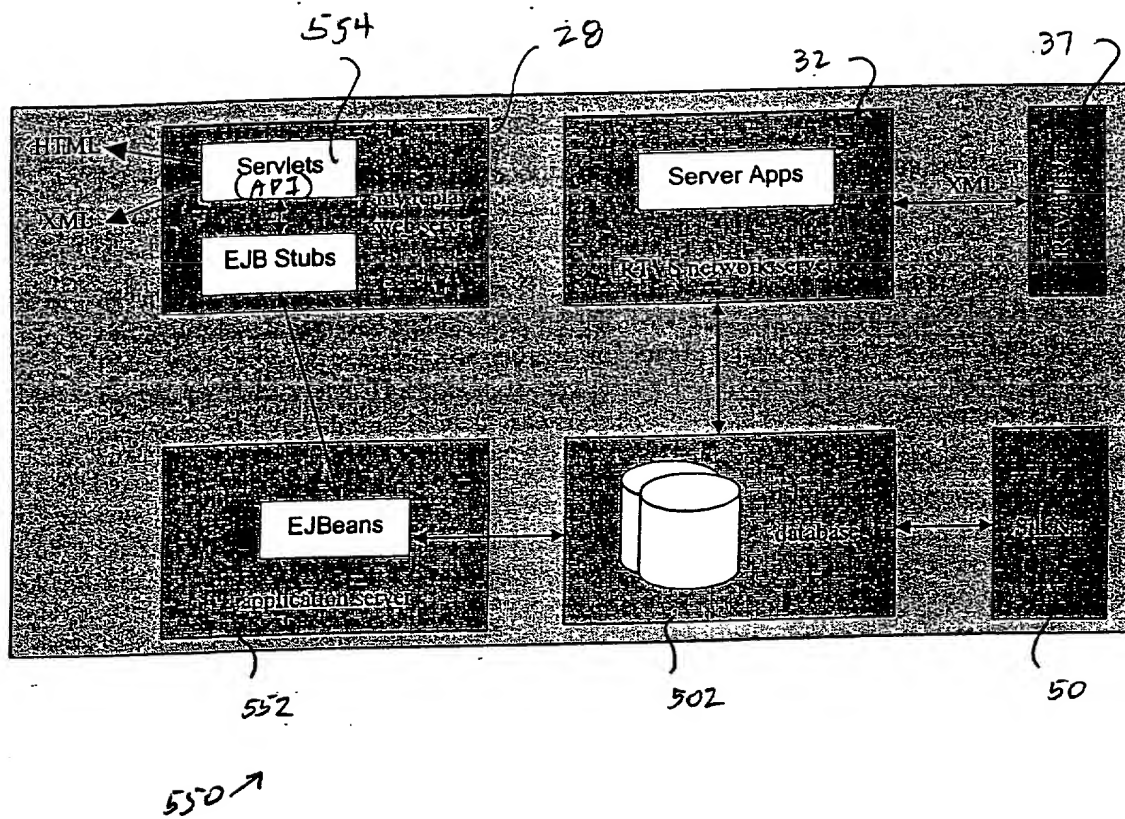


FIG. 29

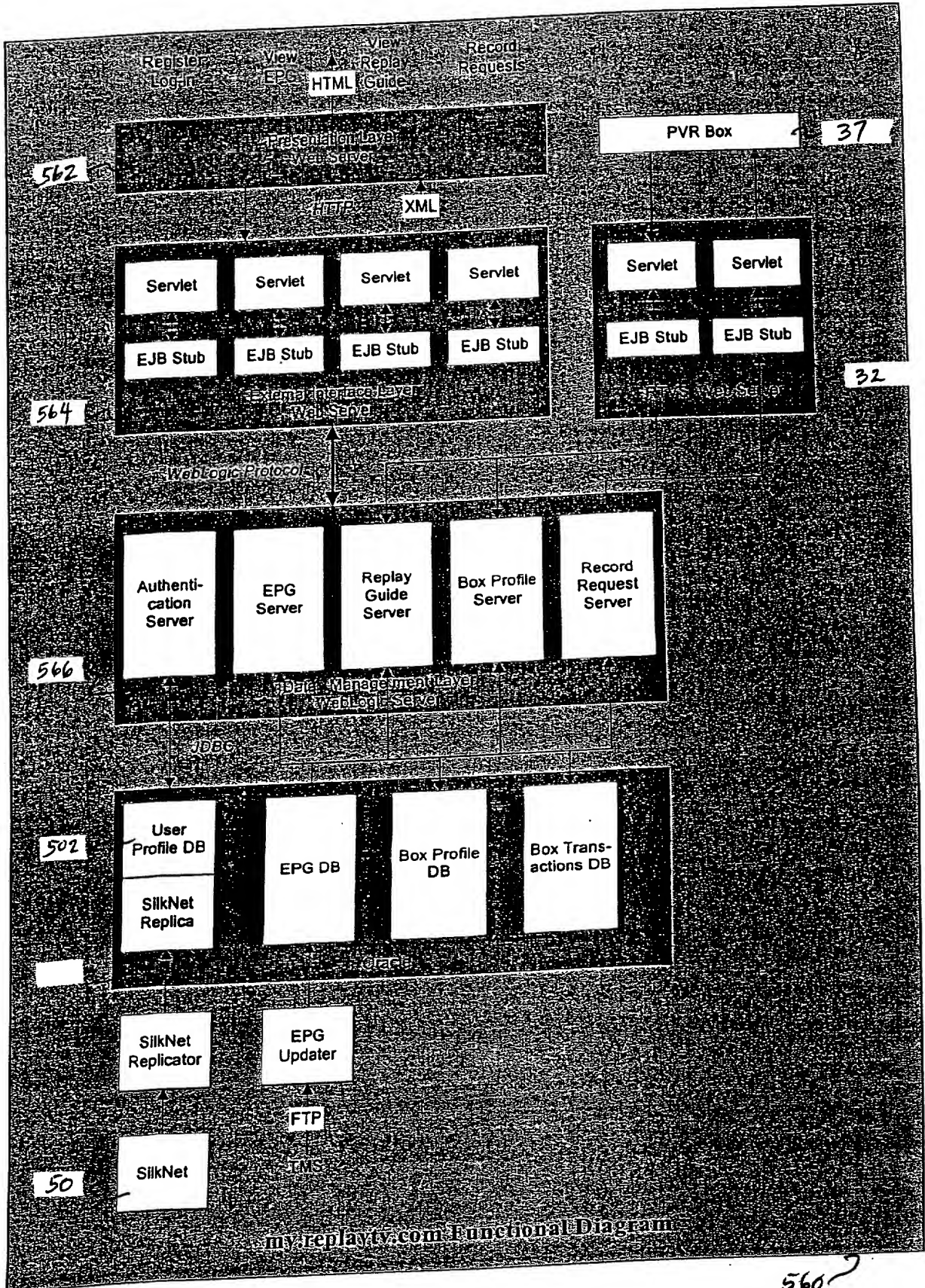


FIG 30

560

